



Country Ref.: Etude 132801

## CONTACT

Market information  
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### International Designation:

132 channels 38 AWG coax cable

### Ultrasound cable assemblies

Very flexible cable with an extremely good mechanical behaviour.  
Withstands miscellaneous sterilisation processes.

## STANDARDS

Product 448-010-3-10; Nexans specification

### 1- CORE (A)

AWG 38 silver plated copper wire.

FEP insulation.

Diameter : 0.30 +/- 0.02 mm

AWG 48 silver plated copper helicoidal screen

Nominal diameter : 0.36 mm

FEP jacket

Diameter : 0.46 +/- 0.03 mm

### 2- CORE (B)

4 Cores A twisted.

Nominal diameter : 1.10 mm

### 3- CORE (C)

8 Cores (A) twisted.

Nominal diameter : 1.40 mm

### Assembly

1 Kevlar strength member +

1 Core (B) + 16 Cores (C) twisted.

Nominal diameter : 6.2 mm

### 4- PTFE Tape

Nominal diameter : 6.27 mm

### 5- SHIELD

AWG 40 tin plated copper braid.

85% coverage.

Nominal diameter : 6.63 mm

### 6- JACKET

Medical PVC

Diameter : 8.35 +/- 0.25 mm

### Main Characteristics

Minimum bending radius : 5 x Overall diameter.



Cable flexibility  
Very flexible



Maximum operating temperature  
85 °C



Minimum operating temperature  
-30 °C



RoHS compliant  
Yes

**CHARACTERISTICS****Construction characteristics**

Construction type	Shielded and sheathed
Conductor shape	Single wired
Conductor material	Silver coated copper
Insulation	FEP

**Dimensional characteristics**

Approximate weight	115 g/m
Outer Diameter	8.35 mm

**Electrical characteristics**

Operating voltage	24 V
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**Mechanical characteristics**

Cable flexibility	Very flexible
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**Usage characteristics**

Maximum operating temperature	85 °C
Minimum operating temperature	-30 °C
RoHS compliant	Yes